UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

## NOTICE OF ALLOWANCE AND FEE(S) DUE

54066

7590

12/21/2005

MURATA MANUFACTURING COMPANY, LTD. C/O KEATING & BENNETT, LLP 8180 GREENSBORO DRIVE SUITE 850 MCLEAN, VA 22102 EXAMINER
ZARNEKE, DAVID A

ART UNIT

PAPER NUMBER

2891

DATE MAILED: 12/21/2005

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/705.823	11/13/2003	Kazuo Kasue	36856.1145	8283

TITLE OF INVENTION: METHOD FOR FABRICATING CIRCUIT MODULE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	03/21/2006

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. <u>PROSECUTION ON THE MERITS IS CLOSED</u>. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

#### **HOW TO REPLY TO THIS NOTICE:**

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE **Commissioner for Patents** P.O. Box 1450 Alexandria, Virginia 22313-1450

(571) 273-2885 or Fax

and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

appropriate. All further con	respondence including the l below or directed otherwise	Patent, advance or	ders and notifi	ication of maintenance fees new correspondence address	will be mailed to the current ;; and/or (b) indicating a sepa	correspondence address as	
	CE ADDRESS (Note: Use Block 1 for	any change of address)		papers. Each addition	f mailing can only be used for its certificate cannot be used al paper, such as an assignment	or domestic mailings of the for any other accompanying ent or formal drawing, must	
	590 12/21/2005		_	have its own certificat	te of mailing or transmission.		
C/O KEATING & 8180 GREENSBO	•	MPANY, LTI	).	I hereby certify that the States Postal Service addressed to the Matter States and transmitted to the IISI	rtificate of Mailing or Trans his Fee(s) Transmittal is bein with sufficient postage for fin il Stop ISSUE FEE address PTO (571) 273-2885, on the	smission g deposited with the United st class mail in an envelope above, or being facsimile	
SUITE 850 MCLEAN, VA 22	102			Tamisinited to the OSI	10 (371) 273 2003, On the	(Depositor's name)	
1110221111, 11122						(Signature)	
						(Date)	
APPLICATION NO.	FILING DATE	<del>,</del>	FIRST NAMED	INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/705,823	11/13/2003	<del></del>	Kazuo k	Kasue	36856.1145	8283	
•	IETHOD FOR FABRICATI	NG CIRCUIT MO					
APPLN. TYPE	SMALL ENTITY	ISSUE FE	E	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	NO	\$1400		\$300	\$1700	03/21/2006	
EXAM	INER	ART UN	т	CLASS-SUBCLASS	7		
ZARNEKE	, DAVID A	2891		438-126000	•		
1. Change of correspondence	e address or indication of "Fo	ee Address" (37	2. For print	ing on the patent front page, l	ist		
CFR 1.363).	lence address (or Change of	Correspondence		nes of up to 3 registered pate	nt attorneys 1		
☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.			(2) the name of a single firm (having as a member a 2				
"Fee Address" indicate PTO/SB/47; Rev 03-02 of Number is required.	tion (or "Fee Address" Indica or more recent) attached. Use	ation form e of a Customer	2 registered	attorney or agent) and the nan I patent attorneys or agents. If ame will be printed.	nes of up to f no name is 3		
3. ASSIGNEE NAME AND	RESIDENCE DATA TO B	E PRINTED ON T	HE PATENT	(print or type)		. <u>-</u>	
PLEASE NOTE: Unless recordation as set forth in	an assignee is identified be 37 CFR 3.11. Completion	clow, no assignee of this form is NOT	data will appear	ar on the patent. If an assign or filing an assignment.	nee is identified below, the o	document has been filed for	
(A) NAME OF ASSIGN	EE	(B)	) RESIDENCE	E: (CITY and STATE OR CO	UNTRY)		
Please check the appropriate	assignee category or catego	ries (will not be pri	nted on the pa	tent): 🔲 Individual 🔲 C	Corporation or other private gr	oup entity Government	
4a. The following fee(s) are	enclosed:	4b	. Payment of F	Fee(s):	· · · · · · · · · · · · · · · · · · ·		
Issue Fee			_	n the amount of the fee(s) is en			
☐ Publication Fee (No small entity discount permitted) ☐ Advance Order - # of Copies			Payment by credit card. Form PTO-2038 is attached.				
☐ Advance Order - # of	Copies		Deposit Accor	ctor is hereby authorized by count Number	charge the required fee(s), or (enclose an extra c	credit any overpayment, to copy of this form).	
	(from status indicated above	•					
• • •	MALL ENTITY status. See		• • •	int is no longer claiming SMA			
The Director of the USPTO NOTE: The Issue Fee and P interest as shown by the reco	is requested to apply the Issuublication Fee (if required) words of the United States Pate	vill not be accepted ent and Trademark	ion Fee (if any from anyone Office.	y) or to re-apply any previous other than the applicant; a reg	ly paid issue fee to the applications is the strong of the	ation identified above, he assignee or other party in	
Authorized Signature				Date			
Typed or printed name							
This collection of information application. Confidential submitting the completed application.	on is required by 37 CFR 1.3 ity is governed by 35 U.S.C. oplication form to the USPT	11. The information 122 and 37 CFR 1 O. Time will vary	n is required to 1.14. This colle depending upo	o obtain or retain a benefit by ection is estimated to take 12 on the individual case. Any c	the public which is to file (an minutes to complete, includi omments on the amount of ti	d by the USPTO to process) ng gathering, preparing, and me you require to complete	

this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



## United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/705,823	11/13/2003 Kazuo Kasue		36856.1145	8283		
54066	7590 12/21/2005		EXAM	EXAMINER		
MURATA MANUFACTURING COMPANY, LTD.			ZARNEKE,	ZARNEKE, DAVID A		
8180 GREENS	G & BENNETT, LLP BORO DRIVE		ART UNIT	PAPER NUMBER		
SUITE 850			2891			
MCLEAN, VA 22102			DATE MAILED: 12/21/2005			

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 46 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 46 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.